

U.S. Patent Application Serial No. **10/567,968**
Response filed November 15, 2010
Reply to OA dated August 13, 2010

AMENDMENTS TO THE CLAIMS:

Please add new claims 17-20, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Withdrawn): An antiviral agent comprising powdered oxide and/or hydroxide.

Claim 2 (Withdrawn): The antiviral agent according to claim 1, wherein the oxide and/or hydroxide comprises calcium and/or magnesium.

Claim 3 (Withdrawn): The antiviral agent according to claim 1, wherein the powdered oxide and/or hydroxide is made of a carbonate mineral.

Claim 4 (Withdrawn): The antiviral agent according to claim 3, wherein the carbonate mineral comprises calcium and/or magnesium.

Claim 5 (Original): An antiviral agent comprising a powder prepared by partial hydration of calcined dolomite.

Claim 6 (Previously presented): An antiviral fabric, comprising:

U.S. Patent Application Serial No. **10/567,968**
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a fabric; and

the antiviral agent according to claim 5;

wherein the fabric supports the antiviral agent.

Claim 7 (Previously presented): An antiviral member comprising the antiviral fabric according to claim 6, wherein the antiviral fabric is in the form of a mask, air cleaning filter, glove, sheet, curtain, clothing or protective cloth.

Claim 8 (Withdrawn): The antiviral agent according to claim 5 further comprising a solvent.

Claim 9 (Withdrawn): An antiviral member comprising a vessel filled with the antiviral agent according to claim 8.

Claim 10 (Withdrawn): The antiviral member according to claim 9, wherein the vessel is a spraying bottle.

Claim 11 (Withdrawn): A fabric supporting the antiviral agent according to claim 1.

Claim 12 (Withdrawn): An antiviral member comprising the fabric according to claim 11.

U.S. Patent Application Serial No. **10/567,968**

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Claim 13 (Withdrawn): The antiviral agent according to claim 1 further comprising a solvent.

Claim 14 (Withdrawn): An antiviral member comprising a vessel filled with the antiviral agent according to claim 13.

Claim 15 (Withdrawn): The antiviral member according to claim 14, wherein the vessel is a spraying bottle.

Claim 16 (Withdrawn): An antiviral method, comprising the step of:
supporting a powder of partially hydrated calcined dolomite on a fabric.

Claim 17 (New): The antiviral agent of claim 5, wherein the calcined dolomite is calcined at a temperature of 700 °C to 1300 °C.

Claim 18 (New): The antiviral agent of claim 5, wherein the dolomite before calcination contains 31 to 35 wt% calcium carbonate (converted to calcium oxide), 17 to 20 wt% magnesium carbonate (converted to magnesium oxide), and has 44 to 47 wt% of loss component after ignition, based on total weight of dolomite.

U.S. Patent Application Serial No. **10/567,968**
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Claim 19 (New): The antiviral agent of claim 5, wherein the water content of the partially hydrated calcined dolomite is in the range of 3 wt/wt% to 7 wt/wt%.

Claim 20 (New): The antiviral agent of claim 5, wherein the powder has an average particle size of 0.1 μm to 60 μm .